

## Claims

1. A folding type mobile radio apparatus, comprising:  
an upper case and a lower case coupled for rotation via a hinge part;

5 and

an antenna arranged on the upper case or the lower case to the hinge part,

wherein an elongated conductor is provided on an end part side facing the hinge part, of a circuit board provided in the upper case or the lower case

10 where the antenna is not installed; and

wherein the conductor is connected to ground of the circuit board at two parts of both ends in the width direction of the ground of the circuit board or at one part on an opposite side to a feeding point of the antenna with respect to the width direction of the circuit board.

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2. A folding type mobile radio apparatus, comprising:

an upper case and a lower case coupled for rotation via a hinge part;

and

an antenna arranged on the lower case to the hinge part,

20 wherein an elongated conductor is provided on a lower end part side of an upper circuit board provided in the upper case facing the hinge part; and

wherein the conductor is connected to ground of the upper circuit board at two parts of both ends in the width direction of the ground of the upper circuit board or at one part on an opposite side to a feeding point of the antenna

25 with respect to the width direction of the upper circuit board.

3. A folding type mobile radio apparatus, comprising:  
an upper case and a lower case coupled for rotation via a hinge part;  
and

5 an antenna provided on the hinge part,  
wherein an elongated conductor is provided on a lower end part side of  
an upper circuit board provided in the upper case facing the hinge part; and  
wherein the conductor is connected to ground of the circuit board at  
two parts of both ends in the width direction of the ground of the circuit board or  
10 at one part on an opposite side to a feeding point of the antenna with respect to  
the width direction of the circuit board.

4. The folding type mobile radio apparatus as set forth in any one of  
claims 1 to 3, wherein the conductor is integrated with the ground of the upper  
15 or lower circuit board to which the conductor is connected, and serves as a part  
of the ground of the circuit board.

5. The folding type mobile radio apparatus as set forth in any one of  
claims 1 to 4 wherein the conductor is formed of a conductive material having a  
20 substantially U shape or a substantially L shape.